

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10533536"	US-PGPUB; USPAT	OR	ON	2007/11/06 10:12
S2	4760	transparent and (layer\$2 or film\$2 or coat\$5) and (metal\$5) and ((zinc adj oxide \$2) or ZnO or (titanium adj oxide\$2) or "TiO.sub.2") and sputter\$4 and ((aluminum adj oxide\$2) or "Al.sub.2.O.sub.3" or (Gallium adj oxide \$2) or gallium \$4oxide\$2 or "Ga.sub.2.O.sub.3" or (antimony adj trioxide) or "Sb.sub.2.O.3")	US-PGPUB; USPAT	OR	ON	2007/11/06 10:20
S3	3051	transparent and (layer\$2 or film\$2 or coat\$5) and (metal\$5) and ((zinc adj oxide \$2) or ZnO or (titanium adj oxide\$2) or "TiO.sub.2") and sputter\$4 and ((aluminum adj oxide\$2) or "Al.sub.2.O.sub.3" or (Gallium adj oxide \$2) or gallium \$4oxide\$2 or "Ga.sub.2.O.sub.3" or (antimony adj trioxide) or "Sb.sub.2.O.3") and alloy\$2	US-PGPUB; USPAT	OR	ON	2007/11/06 10:20

S4	2940	S3 and ((layer\$2 or films\$2 or coat\$5) same (metal\$4))	US-PGPUB; USPAT	OR	ON	2007/11/06 10:22
S6	2245	S4 and ((layer\$2 or film\$2 or coat\$5) same (((zinc adj oxide\$2) or ZnO or (titanium adj oxide\$2) or "TiO.sub.2") and ((aluminum adj oxide\$2) or "Al.sub.2.O.sub.3" or (Gallium adj oxide\$2) or gallium\$4oxide\$2 or "Ga.sub.2.O.sub.3" or (antimony adj trioxide) or "Sb.sub.2.O.3"))))	US-PGPUB; USPAT	OR	ON	2007/11/06 10:24
S7	338	S6 and (mol\$3 same ratio\$2)	US-PGPUB; USPAT	OR	ON	2007/11/06 10:25
S8	3	"6480256"	US-PGPUB; USPAT	OR	ON	2007/11/06 10:37
S9	11	"6480250"	US-PGPUB; USPAT	OR	ON	2007/11/06 10:37
S10	1211	transparent and (layer\$2 or film\$2 or coat\$5) and (metal\$5) and (((zinc adj oxide\$2) or ZnO) same ((titanium adj oxide\$2) or "TiO.sub.2")) and sputter\$4 and ((aluminum adj oxide\$2) or "Al.sub.2.O.sub.3" or (Gallium adj oxide\$2) or gallium\$4oxide\$2 or "Ga.sub.2.O.sub.3" or (antimony adj trioxide) or "Sb.sub.2.O.3")	US-PGPUB; USPAT	OR	ON	2007/11/06 13:00

S11	830	S10 and ((layer\$2 or film\$2 or coat \$5) same (((zinc adj oxide\$2) or ZnO) same (titanium adj oxide\$2) or "TiO. sub.2") and ((aluminum adj oxide\$2) or "Al. sub.2.O.sub.3" or (Gallium adj oxide \$2) or gallium \$4oxide\$2 or "Ga. sub.2.O.sub.3" or (antimony adj trioxide) or "Sb. sub.2.O.3"))))	US-PGPUB; USPAT	OR	ON	2007/11/06 13:02
S12	161	S11 and (mol\$3 same ratio\$2)	US-PGPUB; USPAT	OR	ON	2007/11/06 13:02
S13	115	"5976678" or "5811924" or "6218017" or "5983057" or "5512798" or "5350665" or "5075204" or "4590118"	US-PGPUB; USPAT	OR	ON	2007/11/06 14:11
S14	9	"5976205"	US-PGPUB; USPAT	OR	ON	2007/11/07 06:52
S15	10	"6468934"	US-PGPUB; USPAT	OR	ON	2007/11/07 08:03
S16	1	"10533536"	US-PGPUB; USPAT	OR	ON	2007/11/07 08:21
S17	1023	color and (((ion \$2 or react\$4) same sputter\$4) same (metal\$2 same alloy\$2))	US-PGPUB; USPAT	OR	ON	2007/11/07 08:45
S18	1023	S17 and (layer\$2 or film\$2 or coat \$5)	US-PGPUB; USPAT	OR	ON	2007/11/07 08:47

S20	0	S19 and (((tin \$3oxide\$2) or "snO.sub.2") and ((zinc\$3oxide\$2) or znO) and (silver or Ag) and (CrNi or (chromium \$3nickel)) and ("zn.sub.2.tiO. sub.4"))	US-PGPUB; USPAT	OR	ON	2007/11/07 08:53
S21	0	S19 and (((tin \$3oxide\$2) or "snO.sub.2") and ((zinc\$3oxide\$2) or znO) and (silver or Ag) and (CrNi or (chromium \$3nickel)) and (alumina or (aluminum\$3oxide \$2) or "al.sub.2.O. sub.3"))	US-PGPUB; USPAT	OR	ON	2007/11/07 08:54
S22	14	S19 and (((tin adjoxide\$2) or "snO.sub.2") and ((zinc adj oxide \$2) or znO) and (silver or Ag) and (CrNi or (chromium adj nickel)) and (alumina or (aluminum adj oxide\$2) or "al. sub.2.O.sub.3"))	US-PGPUB; USPAT	OR	ON	2007/11/07 08:54
S23	85	S19 and (((zinc adj oxide\$2) or znO) same ((titanium adj oxide\$2) or "tiO. sub.2"))	US-PGPUB; USPAT	OR	ON	2007/11/07 08:59
S24	10	"6468934"	US-PGPUB; USPAT	OR	ON	2007/11/07 09:43

S25	1023	color and (((ion\$2 or react\$4) same sputter\$4) same (metal\$2 same alloy\$2))	US-PGPUB; USPAT	OR	ON	2007/11/07 09:46
S26	1023	S25 and (layer\$2 or film\$2 or coat\$5)	US-PGPUB; USPAT	OR	ON	2007/11/07 09:46
S27	661	S26 and ((wt or weight))	US-PGPUB; USPAT	OR	ON	2007/11/07 09:46
S28	121	S27 and ((layer\$2 or film\$2 or coat\$5) same (((zinc adj oxide\$2) or ZnO) same (titanium adj oxide\$2) or "TiO.sub.2"))	US-PGPUB; USPAT	OR	ON	2007/11/07 09:47
S29	1	"10533536"	US-PGPUB; USPAT	OR	ON	2007/11/07 10:01
S30	531	(((ion\$2 or react\$4) same sputter\$4) same (metal\$2 same alloy\$2)) same composition\$2	US-PGPUB; USPAT	OR	ON	2007/11/07 10:16
S31	530	S30 and (layer\$2 or film\$2 or coat\$5)	US-PGPUB; USPAT	OR	ON	2007/11/07 10:16
S32	135	S31 and (alloy\$2 same (((zinc or "zn") and (titanium or "ti")) same ((aluminum or "al") or gallium or "ga") or ("sb" or antimony)))	US-PGPUB; USPAT	OR	ON	2007/11/07 10:19
S33	28	"5342676"	US-PGPUB; USPAT	OR	ON	2007/11/07 10:42
S34	548	(layer\$2 or film\$2 or coat\$5) and ((sputter\$4 same (react\$4 or ion\$3)) same ((zinc or "zn") and (titanium or "ti") and (aluminum or "al")))	US-PGPUB; USPAT	OR	ON	2007/11/07 10:49

S35	40	(layer\$2 or film\$2 or coat\$5) and ((sputter\$4 same (react\$4 or ion \$3)) same ((zinc or "zn") and (titanium or "ti") and (aluminum or "al")) same (weight or wt))	US-PGPUB; USPAT	OR	ON	2007/11/07 10:51
S36	0	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide \$2) or "snO.sub.2") and ((zinc same oxide\$2) or znO) and (silver or ag) and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or (CrNi) or (NiCr)) and (("Zn.sub.2.TiO.sub.4") same dope\$2))	US-PGPUB; USPAT	OR	ON	2007/11/07 15:02
S37	0	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide \$2) or "snO.sub.2") and ((zinc same oxide\$2) or znO) and (silver or ag) and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or (CrNi) or (NiCr)) and (("Zn.sub.2.TiO.sub.4")))	US-PGPUB; USPAT	OR	ON	2007/11/07 15:02

S38	0	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide \$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr"))) and (("Zn.sub.2.TiO.sub.4")))	US-PGPUB; USPAT	OR	ON	2007/11/07 15:03
S39	0	(layer\$2 or film\$2 or coat\$5) and (((tin same oxide \$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr"))) and (("Zn.sub.2.TiO.sub.4")))	US-PGPUB; USPAT	OR	ON	2007/11/07 15:03
S40	0	(layer\$2 or film\$2 or coat\$5) and (((tin same oxide \$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr"))) and (("Zn.sub.2.TiO.sub.4")))	US-PGPUB; USPAT	OR	ON	2007/11/07 15:03

S41	0	(layer\$2 or film\$2 or coat\$5) and (((tin same oxide\$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr"))) and (("Zn.sub.2.TiO.sub.4")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:03
S42	449	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide\$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr"))) and ((titanium same oxide\$2) or "tiO.sub.2") and (dope\$2 same (aluminum or "al")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:05
S43	248	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide\$2) or "snO.sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:06



		("CrNi") or ("NiCr")) and (((titanium same oxide\$2) or "tiO. sub.2") same (dope\$2 same (aluminum or "al"))))				
S44	33	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide\$2) or "snO. sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr")) and (((titanium same oxide\$2) or "tiO. sub.2") same (dope\$2 same (aluminum or "al"))same ((zince same oxide\$2) or "znO")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:07
S45	226	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide\$2) or "snO. sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr")) and (((titanium same oxide\$2) or "tiO. sub.2") same (dope\$2 same (aluminum or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:18

		"al"))same ((zinc same oxide\$2) or "znO")))				
S46	0	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide \$2) or "snO. sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr")) and (((titanium same oxide\$2) or "tiO. sub.2") same (dope\$2 same (aluminum or "al"))same ((zinc same oxide\$2) or "znO")) and ("zn. sub.2.TiO.sub.4" or "TiO.sub.4.Zn. sub.2")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:19
S47	0	(layer\$2 or film\$2 or coat\$5) same (((tin same oxide \$2) or "snO. sub.2") and ((zinc same oxide\$2) or "znO") and (silver or "ag") and ((chromium adj nickel) or (nichrome\$2) or (nickel adj chromium) or ("CrNi") or ("NiCr")) and (((titanium same oxide\$2) or "tiO. sub.2") same ((zinc same oxide \$2) or "znO")) and ("Zn.sub.2. TiO.sub.4" or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 15:21

		"TiO.sub.4.Zn. sub.2"))				
S48	28	"5342676"	US-PGPUB; USPAT	OR	ON	2007/11/08 09:34
S49	1	"10533536"	US-PGPUB; USPAT	OR	ON	2007/11/08 09:57
S50	15	"6398925"	US-PGPUB; USPAT	OR	ON	2007/11/09 06:30
S51	28	"5342676"	US-PGPUB; USPAT	OR	ON	2007/11/09 06:50
S52	1	"10533536"	US-PGPUB; USPAT	OR	ON	2007/11/09 07:02

11/13/2007 7:26:28 AM

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